CASWELL FILE

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Dow Corning 5700. Request for Additional New Uses for Dow Corning 5700 on Air Filters and Polyurethane Foam.

EPA Reg.No. 34292-1
TOX Chem. No. 892B

5/15/85

FROM: Henry Spencer, Ph.D.
Section VII, Toxicology Branch
Hazard Evaluation Division (TS-769)

TO: John Lee, Product Manager #31
Disinfectants Branch
Registration Division (TS-767)

THRU: Albin B. Kocialski, Ph.D.
Section Head, Section VII
Toxicology Branch/HED (TS-769)

ABK 5/15/85

5/16/85

Comments:

1. Toxicology Branch does not object to the requested registration.

2. No further toxicity data are required for the requested uses.

3. Copies of the proposed labels are attached.

Attachment

OPP:HED:TOX:H.SPENCER:sb 5/15/85 X77395 #12-D26

DOW CORNING

new product information

ANTIMICROBIAL AGENT FOR AIR FILTERS TO BE USED IN FURNACES, AIR CONDITIONERS, AIR PURIFICATION DEVICES, AUTOMOBILES, RECIRCULATING AIR HANDLING SYSTEMS

ACTERIOSTATIC AND FUNGISTATIC
CTIVITY ON TREATED SURFACES

OW CORNING® 5700 Antimicrobial gent treated surfaces are pre-erved by the bacteriostatic and ungistatic action imparted to the he article's surfaces. Microbial ontamination of polyurethane oam may result in odor problems, iscoloration, and deterioration. reatment of DOW CORNING® 5700 ntimicrobial Agent on the urface of air filters nhibits the growth of micro-rganisms to aid in the control f these deleterious effects.

OW CORNING® 5700 Antimicrobial gent forms a durable wash esistant coating on a variety f materials.

ntimicrobial action is exhibited n contact in the presence of oisture.

DOW CORNING® 5700 ANTIMICROBIAL AGENT

For Protection of Air Filters

EPA No. 34292-1
EPA Est. 34292-MI-01

Type....Brand of Silicone Quaternary Amine

Physical Form....42 percent active solids in methanol.

Typical Benefits....Broad spectrum bacteriostatic, fungistatic, algistatic activity on surfaces, durable attachment to a wide variety of surfaces, compatible, efficient, easily diluted in water.

Primary Use....Provide preservation for many types of articles against a wide variety of bacteria, fungi, and yeasts.

Air Filters....Treated with DOW CORNING® 5700 Antimicrobial Agent: (1) for lasting freshness and to prevent deterioration and discoloration caused by fungi and bacteria; (2) to inhibit the growth of bacteria and mildew to prolong the life of the article; (3) to provide a durable, non-leachable antimicrobial treatmen (4) to provide hygienic freshness; (5) to provide a treatment that is not destroyed by repeated cleaning; (6) to resist the development of bacterial and fungal odors; (7) to retain its freshness by resisting growth of odor-causing bacteria and mildew (fungus); (8) for chemical protection to resist odors and (9) as an exclusive protective treatment that resists mildew and bacteria growth plus being odor resistant.

*Bacteriostatic, fungistatic and algistatic.

DOW CORNING CORPORATION, MIDLAND, MICHIGAN 48640 TELEPHONE 517 496-4000

DOW CORNING

new product information

ANTIMICROBIAL AGENT FOR POLYURETHANE FOAM TO BE USED IN HOUSEHOLD SPONGE AND MOPS; AIR FILTERS FOR FURNACES, AIR CONDITIONERS, AIR PURIFICATION DEVICES, AUTOMOBILES, RECIRCULATING AIR HANDLING SYSTEMS

BACTERIOSTATIC AND FUNGISTATIC ACTIVITY ON TREATED SURFACES

DOW CORNING® 5700 Antimicrobial Agent treated surfaces are preserved by the bacteriostatic and fungistatic action imparted to the the article's surfaces. Microbial contamination of polyurethane foam may result in odor problems, discoloration, and deterioration. Treatment of DOW CORNING® 5700 Antimicrobial Agent on the surface of polyurethane foam inhibits the growth of microorganisms to aid in the control of these deleterious effects.

DOW CORNING® 5700 Antimicrobial Agent forms a durable wash resistant coating on a variety of materials.

Antimicrobial action is exhibited on contact in the presence of moisture.

DOW CORNING® 5700 ANTIMICROBIAL AGENT

For Protection of Polyurethane Foam

EPA No. 34292-1
EPA Est. 34292-MI-01

Type....Brand of Silicone Quaternary Amine

Physical Form....42 percent active solids in methanol.

Typical Benefits....Broad spectrum bacteriostatic, fungistatic, algistatic activity on surfaces, durable attachment to a wide variety of surfaces, compatible, efficient, easily diluted in water.

Primary Use....Provide preservation for many types of articles against a wide variety of bacteria, fungi, and yeasts.

Polyurethane Foam....Treated with DOW CORNING® 5700 Antimicrobial Agent: (1) for lasting freshness and to prevent deterioration and discoloration caused by fungi and bacteria (2) to inhibit the growth of bacteria and mildew to prolong the life of the article; (3) to provide a durable, non-leachable antimicrobial treatment; (4) to provide hygienic freshness; (5) to provide a treatment that is not destroyed by repeated cleaning; (6) to resist the development of bacterial and fungal odors; (7) to retain its freshness by resisting growth of odor-causing bacteria and mildew (fungus); (8) for chemical protection to resist odors and (9) as an exclusive protective treatment that resists mildew and bacteria growth, plus being odor resistant.

*Bacteriostatic, fungistatic and algistatic.

DOW CORNING CORPORATION, MIDLAND, MICHIGAN 48640 TELEPHONE 517 496-4000

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Chemical:	**1-Octadecanaminium, N,N-dimethyl-N-(3-(t**
PC Code:	**107401**
HED File Code	**13000 Tox Reviews**
Memo Date:	**05/15/85**
File ID:	**00000000**
Accession Number:	**412-03-0116**

HED Records Reference Center
06/30/2003